

Title (en)

RADAR FOR TRACKING OR GENERATING RADAR IMAGES OF PASSIVE OBJECTS

Title (de)

RADAR ZUM VERFOLGEN ODER ERZEUGEN VON RADARBILDERN VON PASSIVEN OBJEKTEN

Title (fr)

RADAR POUR LE SUIVI OU LA GÉNÉRATION D'IMAGES RADAR D'OBJETS PASSIFS

Publication

EP 3853633 A4 20220608 (EN)

Application

EP 19899007 A 20190920

Priority

- US 201862733908 P 20180920
- IB 2019001455 W 20190920

Abstract (en)

[origin: WO2020128640A2] An ultra wide band (UWB) based radar system and method uses reflected UWB signal pulses to locate and/or track objects having a detectable radar cross-section. The system and method use the same types of UWB transceivers used to track active RF tags and includes a method of processing channel impulse response data allowing the detection, location, and tracking of non-tagged objects within a monitored area.

IPC 8 full level

G01S 13/00 (2006.01); **G01S 7/00** (2006.01); **G01S 13/02** (2006.01); **G01S 13/46** (2006.01); **G01S 13/538** (2006.01); **G01S 13/66** (2006.01); **G01S 13/72** (2006.01); **G01S 13/74** (2006.01); **G01S 13/87** (2006.01); **G06T 17/05** (2011.01)

CPC (source: AU EP KR US)

G01S 1/20 (2013.01 - AU); **G01S 5/0289** (2013.01 - AU KR); **G01S 7/003** (2013.01 - EP); **G01S 13/0209** (2013.01 - AU EP KR US); **G01S 13/46** (2013.01 - EP); **G01S 13/48** (2013.01 - AU KR); **G01S 13/538** (2013.01 - EP); **G01S 13/66** (2013.01 - KR); **G01S 13/72** (2013.01 - EP); **G01S 13/74** (2013.01 - KR); **G01S 13/878** (2013.01 - AU EP KR US); **G01S 13/89** (2013.01 - US); **H04B 1/7174** (2013.01 - AU KR); **G01S 13/74** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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